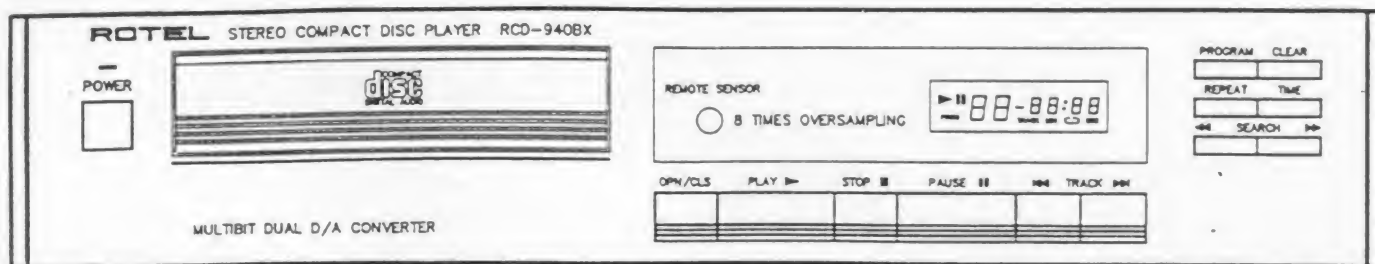# ROTEL *hifi*

RCD 940BX
Stereo Compact Disc Player

Owners Manual

Please write the serial number and purchase date of this RCD 940BX for your records in the space provided.

Serial Number _____.

Purchase date _____.

Please refer to this drawing of the Front Panel when reading the section about Controls and the Display on the RCD 940BX.

CONTROLS ON THIS CD PLAYER

The **POWER** button will turn the CD player **ON** and **OFF**. Push it in and the RCD 940BX will turn ON. The **POWER INDICATOR** and the **DISPLAY** will illuminate at the same time. If you push the Power button again the power will go OFF and the Power Indicator and the Display will extinguish.

The **OPEN/CLOSE, PLAY, STOP, PAUSE AND TRACK** buttons are *underneath* the **Display**. The **PROGRAM, CLEAR, REPEAT, TIME,** and **SEARCH** buttons are to the *right* of the **Display**. We have attempted to make the most used controls be the easiest to find.

The Display panel includes the **REMOTE SENSOR** for receiving the Infra Red signals from the **REMOTE CONTROL HANDSET**. *Please be certain not to block this as the Remote Control Handset will not function if this is covered or blocked.*

The Display on the RCD 940BX will normally show a " *0* " when there is no disc in the machine.

The **Open/Close** button will Open the Drawer after you have pushed it. A second push of the button will Close the Drawer. Pressing the **PLAY** button while the drawer is open will cause the drawer to close and will start Play. Display Panel show " > " during play mode. You may pre select a track number before pressing Play and the CD player will begin play with the selected track number.

The **STOP** button will stop all functions and the Display Panel will show track " *¦* ", when a disc is in the drawer. (Press Time button will appear the Total Time Playing of the disc.)

Pressing the **PAUSE** button will make the CD player stay in the same place on the CD and the CD will still spin. *No sound will be heard until you press the Pause button again.* " *¦¦* " illuminate on the display during PAUSE mode.

The **TRACK** buttons (I<<, >>I) will advance to the next Track (>>I) or will go back to the previous Track (I<<) on the disc. If you are in the middle of a song and you press the I<< Track button once, the player will begin the same song again. If you press it twice, *quickly*, it will play the previous song on the disc. If you are in Pause and you press the I<< Track button once it will proceed to the previous track and wait for you to release the Pause function. Pressing the >>I Track button will cause the CD player to skip to the next track on the disc.

The **PROGRAM** button will be used when you Program songs on the disc for play in a specific order or to record. To begin a Program, load a disc into the drawer and press the Close button.

Press the Program button on the CD player or the Remote Control, the "PRGM" will show on the Display Panel. Next to select the Track Number you wish to Program. It will be displayed in the Display Panel. Press the Program button again and the song track will be entered into the Program memory. Repeat this for the tracks you wish to program. Press the Program button to review the Programmed order after you entered. The RCD 940BX will remember up to 20 tracks in a program.
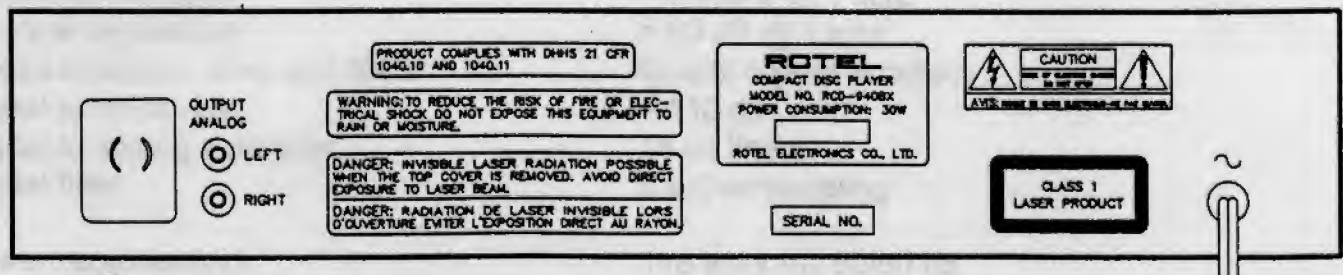
The **CLEAR** button is used with the Program button when you wish to delete a certain track that you have entered to the Program. Pressing the STOP or OPEN button will completely erase a Program from the memory, if you wish. The "PRGM" on the Display Panel will disappear.

The **REPEAT** button will allow you to play a whole disc or a programmed song or songs repeatedly until you press the REPEAT button again, or press OPEN button to cancel this function. This may be combined with Random play as well. The REPEAT function is shown as a circular shaped arrow in the Display Panel.

The **TIME** function will illuminate the time readout for the Time Elapsed in a song, Time Remaining in a song and then Total Time Elapsed of the whole disc by pressing Time button once by once. (No function during Random mode)

The **SEARCH** buttons (<<, >>) will cause the CD player to go forward or backwards in time quickly when playing a song. These can be useful if you are attempting to learn the words in a song, for example.

The **REMOTE CONTROL HANDSET RR 921** duplicates all the functions on the Front Panel of the RCD 940BX except the OPEN/CLOSE button. The Play and Pause buttons are *combined* on the remote for convenience. The Remote Control includes a button for **RANDOM** play. This will allow you to play back a disc in a Random sequence. Random will also play Tracks that you have entered into a Program. Display Panel show " r n " during Random play. You may also press Repeat with this function and the CD player will play till you press Stop button.

Please refer to this drawing of the Rear panel of the RCD 940BX when connecting to your stereo system.

CONNECTING THE RCD 940BX TO YOUR STEREO

The rear panel of the RCD 940BX has the OUTPUT connections for the CD player. These are RCA jacks and are designed to be connected to the CD or AUX. input of your stereo integrated amp, receiver or preamplifier. Please observe the correct Left and Right Channel connections for optimum enjoyment of your stereo. *High performance patch cables will improve the sound of*

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your stereo and we recommend them. Ask your **ROTEL** *hi fi AUTHORIZED DEALER* for advice about cables for analog and digital signals.

There *may be* an Optional 75 ohm Coaxial Digital Output on the back panel. This is to be connected with a quality 75 ohm impedance RCA cable to the input on your external Digital to Analog Converter. (This RCA Digital Output is Optional and not available in all markets.)

FEATURES OF THE RCD 940BX CD PLAYER

This CD player uses an **18 Bit Digital to Analog Converter** and an **8x Oversampling Digital Filter**. This is a good sounding CD player that will offer a lively, entertaining source of music for your stereo system. The display panel is designed to be informative and simple. It will provide more information if you require by pressing the appropriate buttons on the front panel or on the remote control.

We have attempted to provide a very good sounding machine with simple features. We have tried to do this at a reasonable price while retaining the build quality for which we are rightly famous. We have eschewed needless complication and features that are not actually used regularly. We like simple designs for their inherent ease of use. We believe the RCD 940BX will be a source of pleasure for years to come in your stereo system.

A FINAL WORD FROM ROTEL ABOUT THIS CD PLAYER

We have designed this CD player for high performance using test equipment and the human ear. We believe that both methods are useful in the design of audio electronics. *This is time consuming but we feel that the music benefits from this care and attention to detail.*

We realize that there are many choices available in the market today and we thank you again for choosing our RCD 940BX Stereo Compact Disc Player to play your CDs. *Enjoy the music!*

SPECIFICATIONS

RCD 940BX COMPACT DISC PLAYER

Frequency response	5 - 20,000 Hz ± 0.8 dB
Harmonic distortion	< 0.005% @ 1 kHz
Channel separation	> 90 dB @ 1 kHz
Speed accuracy, wow and flutter	Quartz crystal accuracy
Signal to noise ratio	> 110 dB
Digital to analog converter	18 bit linear
Digital filter	8 x Oversampling
Power requirements	115 volts AC 50/60 Hz
	230 volts AC 50/60 Hz
Power consumption	30 watts
Weight	4.4 kgs/ 9.7 lbs
Dimensions	440 (w) x 92 (h) x 316 (d) mm
	17-3/8" (w) x 3-5/8" (h) x 12-7/16" (d)

All specifications are accurate at the time of printing. Rotel reserves the right to make improvements without notice.